Stack

| 0x0000 String[] args Received from caller 0x0001 int _x input value 0x0002 int _y input value 0x0003 IntPoint2D a 0x18 0x0004 IntPoint2D b 0x16 0x0005 IntPoint2D c 0x14 0x0006 IntPoint2D d 0x12 0x0007 0x0008 0x0009 0x0008 0x0009 0x0000 0x000D 0x000E 0x000F 0x0011 int x 1 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int y 0 0x0017 int x 0 | | Stack | • | |
|--|---------|------------|------|----------------------|
| 0x0001 int _x input value 0x0002 int _y input value 0x0003 IntPoint2D a 0x18 0x0004 IntPoint2D b 0x16 0x0005 IntPoint2D c 0x14 0x0006 IntPoint2D d 0x12 0x0007 0x0008 0x0009 0x0008 0x0009 0x0000 0x0000 0x0000 0x0000 0x0001 0x0011 0x0012 0x0012 int x 1 0x0013 int y 1 0x0015 int x 1 0x0016 int x 10 0x0017 int y 0 | Address | Туре | Name | Value |
| 0x0002 int _y input value 0x0003 IntPoint2D a 0x18 0x0004 IntPoint2D b 0x16 0x0005 IntPoint2D c 0x14 0x0006 IntPoint2D d 0x12 0x0007 0x0008 0x0009 0x0008 0x0000 0x0000 0x0000 0x0000 0x0000 0x0001 0x0001 0x0012 0x0012 int x 1 0x0013 int y 1 0x0015 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0000 | String[] | args | Received from caller |
| 0x0003 IntPoint2D a 0x18 0x0004 IntPoint2D b 0x16 0x0005 IntPoint2D c 0x14 0x0006 IntPoint2D d 0x12 0x0007 0x0008 0x0009 0x0008 0x000A 0x000B 0x000D 0x000E 0x000F 0x0011 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 | 0x0001 | int | x | input value |
| 0x0004 IntPoint2D b 0x16 0x0005 IntPoint2D c 0x14 0x0006 IntPoint2D d 0x12 0x0007 0x0008 0x0009 0x0009 0x0008 0x000C 0x000D 0x000E 0x000F 0x00010 0x0011 0x0012 int x 1 0x0013 int y 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 0 0 | 0x0002 | int | у | input value |
| 0x0005 IntPoint2D c 0x14 0x0006 IntPoint2D d 0x12 0x0007 0x0008 0x0008 0x0009 0x0009 0x000A 0x000B 0x000C 0x000D 0x000F 0x0010 0x0011 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0003 | IntPoint2D | а | 0x18 |
| 0x0006 IntPoint2D d 0x12 0x0007 0x0008 0x0009 0x0000A 0x0000B 0x000C 0x000D 0x000E 0x000E 0x0001 0x0011 0x0012 int x 1 0x0013 int x 1 0x0015 int 0x0015 int 0x0016 int x 10 0x0017 int y 0 | 0x0004 | IntPoint2D | b | 0x16 |
| 0x0007 0x0008 0x0009 0x000A 0x000B 0x000C 0x000D 0x000E 0x000F 0x0011 0x0012 int | 0x0005 | IntPoint2D | С | 0x14 |
| 0x0008 0x0009 0x000A 0x000B 0x000C 0x000D 0x000E 0x000F 0x0010 0x0011 0x0012 int | 0x0006 | IntPoint2D | d | 0x12 |
| 0x0009 0x000A 0x000B 0x000C 0x000D 0x000E 0x000F 0x0010 0x0011 0x0012 int | 0x0007 | | | |
| 0x000A 0x000B 0x000C 0x000D 0x000E 0x000F 0x0010 0x0011 0x0012 int | 0x0008 | | | |
| 0x000B 0x000C 0x000D 0x000E 0x000F 0x0010 0x0011 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0009 | | | |
| 0x0000C 0x0000D 0x0000E 0x0000F 0x0010 0x0011 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x000A | | | |
| 0x000D 0x000E 0x000F 0x0010 0x0011 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x000B | | | |
| 0x000E 0x000F 0x0010 0x0011 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x000C | | | |
| 0x000F 0x0010 0x0011 0x0012 0x0013 int y 0x0014 int x 0x0015 int y 0x0016 int x 0x0017 int y 0x0018 int x | 0x000D | | | |
| 0x0010 0x0011 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x000E | | | |
| 0x0011 x 1 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x000F | | | |
| 0x0012 int x 1 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0010 | | | |
| 0x0013 int y 1 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0011 | | | |
| 0x0014 int x 1 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0012 | int | х | 1 |
| 0x0015 int y 1 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0013 | int | У | 1 |
| 0x0016 int x 10 0x0017 int y 0 0x0018 int x 0 | 0x0014 | int | х | 1 |
| 0x0017 int y 0 0x0018 int x 0 | 0x0015 | int | у | 1 |
| 0x0018 int x 0 | 0x0016 | int | х | 10 |
| | 0x0017 | int | у | 0 |
| 0x0019 int y | 0x0018 | int | х | 0 |
| | 0x0019 | int | у | 0 |

Heap

```
public static void main(String[] argv) {
    IntPoint2D a = new IntPoint2D(0,0);
    IntPoint2D b = new IntPoint2D(10,0);
    IntPoint2D c = new IntPoint2D(1,1);
    IntPoint2D d = new IntPoint2D(1,1);

public class IntPoint2D implements IIntPoint2D{
    int x;
    int y;
```

```
public IntPoint2D(int __x, int __y){
    x = __x;
    y = __y;
}
```